



## PRODUCT DATA SHEET

Revision date: 1 February 2019

### 1. Product manufacturer:

Bella Plast Sp. z o.o.s.k.  
Długa street No. 86, 05-075 Warszawa – Wesola, Polska - registered office  
tel. +48 22 783 64 64  
Production Facility Szczęśliwa street No. 51, 05-074 Długa Kościelna

- 2. Product designation: BP11 MINI S - rustication strip, with net,**  
**3. PCGS product classification: 22.23.19.0**

### 4. Technical specification

PVC rustication strips are made of hard polyvinyl chloride with the addition of modifiers which increase mechanical resistance as well as with the addition of stabilizers. Rustication strips are available in white technical colour and are intended for painting. The manufacturer does not guarantee the repeatability of colour of each subsequent production batch.

### 5. Intended use and application range of the product.

BP11 MINI S rustication strips with mesh are intended for use in residential and public buildings to the extent resulting from their technical properties.

BP11 MINI S strip consists of a main body extruded from polyvinyl chloride (PVC) and fibreglass mesh intended for construction with a minimum weight of 145 g, manufactured by VERTEX ADFORS Saint Gobain (EU).

The fibreglass mesh is permanently fixed to the PVC body of the strip by means of ultrasonic welding of PVC.

Strips are used only as decorative rustications (grooves) in thermal insulation of a façade (External Thermal Insulation Composite Systems - or ETICS) with the use of thermal cladding: extruded polystyrene, mineral wool. BP11 MINI S strips can also be used on cement and lime plaster due to their chemical resistance, but the manufacturer is not responsible for possible cracks in the cement and lime plaster on the connection interface with the PVC strip.

The assembly of the strip should be carried out in the external surface of the façade.

BP11 MINI S strip is a decorative element. The "groove" effect is achieved in the structural plaster (ETIC).

Assembly of the BP11 MINI S strip is carried out by spreading the glue intended for bonding a fibreglass mesh (façade mesh, for construction) over the thermal lining surface and submerging BP11 MINI S strip into wet glue - in such a way that the glue penetrates outside through the fibreglass mesh on the strip.

It is essential that the glue is also underneath the entire surface of the PVC strip.

As the next step the glue should be distributed on the surface of the fibreglass mesh on the BP11 MINI S strip and the fibreglass mesh should be submerged in wet glue with an overlap, i.e. in such a way that the fibreglass mesh on the BP11 MINI S strip is completely covered the fibreglass façade mesh.

This way the effect of submerging in the adhesive - in the same gluing operation - of both fibreglass meshes is achieved: the fibreglass mesh on the BP11 MINI S strip and the façade fibreglass mesh.

After the adhesive has dried up and the dried adhesive has been primed, the next step is to apply the structural plaster mass (ETIC) on the adhesive surface. Immediately after applying the plaster, the black PE foam inside the BP11 MINI S strip should be removed from the BP11 MINI S strip. The foam is the lost element, which protects the inside of the strip against soiling.

BP11 MINI S strips must not be used on a dark shade façade, wherever the instructions of the plaster manufacturer exclude the use of such a plaster colour in places exposed to sun and/or the plaster manufacturer excludes its use on façade made on extruded polystyrene.

In case of dark-coloured façade plasters and façade paints and in places exposed to intensive operation of the sun, the manufacturer is not responsible for the destructive effects of façade heating and possible losses caused by it. The degree of solar energy absorption by the façade surface should be consulted with the designer.

BP11 MINI S strips must not be installed using polyurethane foam or using adhesives other than adhesives intended solely for submerging the fibreglass mesh into the ETIC, "light-moist" insulation façade.

Treatment of strips.

Strip trimming has no impact on health, it can be cut with a sheet metal shear, knife or a fine-toothed hand saw.

Because of the fibreglass mesh on BP11 MINI S strips - it is absolutely necessary to wear protective gloves and safety glasses.

BP11 MINI S strips should be painted with silicone, acrylic or silicate paints (for outdoor use); the surface to be coated with paint must be first cleaned to remove any dirt, dust, oil and other impurities that may affect the adhesion of the paint.

In order to obtain the best aesthetic effect, it is recommended to paint the BP11 MINI S series façade strips with the above mentioned paints in the RAL colour of the plaster used.

## 6. Product range

BP11 MINI S PVC façade strips for rustication are available in the following lengths\*:

BP11 MINI S L300cm, \* - max. sections 6m.

## 7. Packaging, storage, transportation

BP11 MINI S PVC façade strips for rustication are packed in cardboard boxes to protect the strips against damage in transport.

Number of pieces in one cardboard box: 20.

Storage: maximum number of layers: 15.

Storage: dry, cool place with an even surface.

## 8. Chemical resistance

The product does not react chemically with any solid construction material that can be found on the construction site. The product is resistant to ageing. The product is not biodegradable in a humid environment. The product is not resistant to organic solvents such as acetone, benzene.

## 9. Additional information

The product conforms with the following documents:

NATIONAL TECHNICAL ASSESSMENT ITB-KOT-2017/0249 Z DNIA 12.12.2017 (published by the Building Research Institute [Instytut Techniki Budowlanej] in Warsaw)

HYGENIC APPROVAL no. BK/B/0823/01/2018 of 7 September 2018 (issued by the National Institute of Hygiene [Instytut Higieny] in Warsaw)

## 10. Drawing of BP11 MINI S

